

MINUTES

ELLIOTT BAY TOXICS ACTION PROGRAM

WORK GROUP

U.S. Environmental Protection Agency  
1200 Sixth Ave., Seattle, WA

1 June 1987

LIST OF PARTICIPANTS

Name	Affiliation	Phone
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Karen Keeley	Tetra Tech	822-9596
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## MINUTES

Gary Brugger called the meeting to order at 9:40 a.m. Dan Cargill began discussing updates to the site-specific work plan for the Elliott Bay Interim Action Program. Comments (C) and responses (R) are described below for categorical sources.

### CATEGORICAL SOURCE CONTROL ACTIONS

- C: Tim Sample indicated that all actions related to CSO control and general CSO sampling are part of Metro's CSO control program (as required by WAC 173-245) that is being incorporated into Metro's capital projects programs (e.g., treatment plant upgrading).
- C: Cindy Thrush of Seattle Engineering stated that the city is undergoing a planning exercise to establish a comprehensive storm drain/CSO maintenance and water quality program. Among other activities, the city is exploring the feasibility of establishing a storm drain utility (or other mechanism) for generating revenue. A rate structure should be in place by 1989. The engineering department's current annual budget for storm drain maintenance is \$30,000, which must also cover new NPDES storm drain characterization requirements. The city plans to sample one or two storm drains in the Duwamish at an unspecified date.
- C: Gary Brugger stated that Ecology is considering using the City of Bellevue's storm drain permit (now under development) as a prototype for other cities.
- C: Dan Cargill mentioned that City of Seattle vac trucks had been seen dumping their contents into a sedimentation basin that connects to a storm drain in the vicinity of Terminals 89 and 90.
- R: Cindy Thrush stated that the city is nearing implementation of a storm drain maintenance plan that (among other things) will ensure the proper disposal of sediments cleaned from drains.
- C: Doug Hotchkiss stated that all "major" storm drains on port property actually belong to the city, but that the port will provide the action team with storm drain maps for any portion of port property the team identifies. The port has completed mapping storm drains at Terminals 18 and 5 only.
- C: Dan Cargill mentioned that three large oil spills received Coast Guard response in the last 4 mo at a 72-in storm drain discharging between Terminals 89 and 90. In mid-May, the Coast Guard traced the oil to a leaking diesel fuel line on Burlington Northern property. The line has been repaired and the storm drain is being monitored for further releases.

*Lee Brugger  
has a copy.*

Following is a segment-by-segment discussion of source control actions.

#### SPECIFIC SOURCE CONTROL ACTIONS

##### North Harbor Island Segment 4B

###### Waste Disposal Area--

- It is not known whether the City of Seattle has performed the tasks outlined in the Interim Action Plan.

###### Mobil Oil--

- On the list for routine NPDES inspection
- A boat is on order for Ecology and sediment sampling will occur some time in the near future
- A groundwater investigation will take place as part of the Harbor Island Superfund study, Phase I
- Ecology will examine the need for retrofitting tanks with sealed berms
- Tetra Tech Inc., is developing a Superfund sampling plan for Harbor Island that includes surface water storm drain characterization, hot spot identification, and groundwater sampling.

###### Todd Shipyards--

- NPDES permit is under review
- Ecology is gathering information on past activities (e.g., types of paints used and use of sodium arsenite for dry dock treatment)
- It is not known whether storm drains have been sampled onsite
- TES plan is being developed to investigate groundwater contamination.

###### CSO/SC 77--

- Characterization of sediment contamination ongoing.

#### Non-Specified--

- Tetra Tech is collecting information relating to Harbor Island Superfund site; task will be completed by the third week in June
- U.S. Status and Trends Program ongoing.

#### East Waterway Segments 4A/5A/5B

##### Seattle Iron and Metal--

- Sediment was removed from the Hanford Street storm drain and the facility reportedly no longer incinerates and washes copper wire
- Hanford Street storm drain was sampled for metals and the data are being worked up
- Transformers are no longer accepted at this site; Ecology has data on transformer processing.

##### Oil Tank Farms (Texaco, Shell, GATX, Golden Penn, Chevron)--

- Ecology is investigating historic spills - 150,000 gal of product have been recovered, these efforts are continuing
- NPDES inspections are ongoing
- Texaco truck wash oil/water separator was sampled and no detergent was found, their facility is tested periodically.
- SPCC plans have been inspected and updated
- River sediment sampling will be performed contingent upon the purchase of a boat and the results of U.S. EPA sampling
- Chevron storm water now discharges to Metro's system
- Port of Seattle will conduct an underground oil study at Terminal 18.

##### Major Storm Drains--

- Mono Roofing is under an enforcement order to clean the sediment in the Spokane Street storm drains
- Ecology found no sediment in the Florida Street line, however, a catch basin was contaminated with pentachlorophenol that was traced to Wyckoff
- Port completed Terminal 18 storm drain mapping.

Major CSOs--

- Metro CSO planning/capital improvement projects.

Crowley Environmental Services--

- RCRA permit is not applicable, there is no onsite storage or cleanup of hazardous materials.

Terminal 30 Contaminated Sediments--

- Sediment was removed (the amount was not specified during the meeting) and used for the Terminal 90-91 short fill project along with 20,000-30,000 yd<sup>3</sup> of material from maintenance dredging projects.

Non-Specified--

- Harbor Island Superfund investigations ongoing
- U.S. EPA sampling completed, results of analyses pending
- Widening and deepening project no longer active

West Waterway Segments 6A/6B

SeaFab Metals--

- Ecology/RCRA actions ongoing
- Sediment in the Lander Street storm drain was resampled and was found to contain less lead than was found in original samples. However, substantial lead contamination of drain sediments was still present. Additional sampling is proposed, including split samples to better estimate current sediment lead content.
- There is a project pending to run a camera up the line to trace the origins of a discharge.

Pioneer Sand and Gravel--

- No discharge is claimed - a U.S. EPA search warrant is pending.

Lockheed Shipyards 112--

- Ecology is conducting a survey of past practices
- NPDES permit is in public review

- Storm drains were cleaned out by vac truck
- Work areas have been bermed
- SPCC plan and implementation have been reviewed
- Groundwater investigation is part of Phase I of Superfund studies.

Florida Street Storm Drain (Purdy Lot, Wyckoff)--

- Cleanup has been completed, groundwater and sediment survey was completed. Soil PCB studies are contradictory as to presence of PCBs at Seattle Steel.

Tank Farms (Texaco, Shell, Arco)--

- Same action status as tank farms in East Waterway.

Seattle Iron and Metal--

- Groundwater disposal investigations are ongoing.

Waste Disposal Areas--

- Some data are available for Terminal 18 as of 6/87.

West Seattle Landfill--

- Study has been completed.

Bethlehem Steel Liquid and Slag Waste Disposal Area--

- RCRA closure nearly complete, groundwater monitoring is ongoing.

Small Storm Drains Discharging into West Waterway--

- Sampling has been completed, awaiting results
- The port will provide storm drain maps when redevelopment is completed at Terminal 5.

Mono Roofing--

- Under Administrative Order to halt discharges, prevent contamination of surface runoff, and clean up lot and sewer.

Fisher Mills--

- Boiler blowdown now discharged to Metro
- Cooling water now 50 percent recycled
- Storm drain was cleaned; organic chemical concentration in drain sediments is decreasing
- Future permit will include requirements for priority pollutant analysis of groundwater pumped by basement sump pump.

Shell--

- As part of new NPDES permit, they will be required to sample West Waterway sediment and analyze for lead, PAH, benzene, and toluene. Stormwater discharge will probably require pretreatment.

Chelan Street CSO--

- Monitoring requirements are in place. Metro CSO report is due in July.

Other CSOs--

- Ecology maintains that Longfellow Creek retention facilities are inadequate
- City of Seattle CSO planning ongoing.

Non-Specified--

- Harbor Island Superfund project ongoing
- U.S. EPA sampling completed, awaiting analysis results
- Widening and deepening project inactive.

South Harbor Island Segment 7A

Diagonal Way Storm Drain--

- Sampling completed, awaiting analysis results
- Pole treatment yard cleanup and stabilization complete
- Storm drain monitoring in place.

Ash Grove Cement--

- Surge pond sludge was dredged and taken to Cedar Hills landfill
- Coal piles, fly ash piles, and ASARCO slag were removed from the site
- NPDES permit now requires groundwater monitoring.

Diagonal Way CSO--

- Metro completed a key manhole study and source tracing, and identified and controlled several sources of heavy metals
- Hanford Street tunnel under construction.

Ideal Cement--

- All process water is recycled, truck wash-down has been re-plumbed, and is no longer a source.

Port of Seattle T-105--

- Groundwater study completed, showed only one pulse of high metals.

Janco-United, Inc.--

- Criminal investigation completed.

Port of Seattle Storm Drains--

- Storm drain mapping will proceed according to specific requests of Ecology.

Hanford 1 CSO--

- West Point Treatment Plant NPDES review ongoing; Metro CSO planning/capital projects planning is ongoing.

Non-Specified--

- Harbor Island Superfund investigations ongoing
- U.S. EPA sampling completed, analysis results pending
- Widening and deepening project inactive
- National Cancer Institute study complete.



Denny Way CSO Segment 2A

- Key manhole study completed, receiving water sediment characterization completed by Metro
- Metro CSO planning/capital projects planning
- U.S. EPA sampling completed, analysis results pending
- National Cancer Institute study completed.

Seattle Waterfront Segment 3C

CSOs--

- City CSO planning ongoing.

CSOs and Historical Sewage Discharge--

- U.S. EPA sampling complete, analysis results pending.

Slip 1 Segment 7B

Ideal Basic Industries--

- NPDES permit renewal ongoing.

Non-Specified--

- U.S. EPA sampling completed, analysis results pending
- Ecology storm drain permitting ongoing.

Slip 2 Segment 8A

Michigan Street CSO--

- Metro CSO planning/capital projects planning.

Chempro--

- RCRA permit in place includes groundwater monitoring.

Historic Dumps/Waste Disposal Areas--

- Seattle/King County Health Department study completed.

Non-Specified--

- U.S. EPA sampling completed, analysis results pending.

### Slip 3 Segment 8B

#### Marine Power and Equipment--

- Data on historical activities are part of court record of criminal investigation
- NPDES permit is in the second public review period
- A consent decree to be issued will require dredging of the top 6 in of sediment from all areas where sandblast grit was dumped.

#### Fox Street Storm Drain--

- Storm drain cleanup may occur as a result of consent decree with Marine power and Equipment
- Storm drains have been mapped by the city and sediments have been resampled.

#### Possible Groundwater Contamination from Chempro and Historic Site--

- Groundwater characterization pending.

#### Michigan Street CSO--

- Metro CSO planning/capital projects planning.

#### Non-Specified--

- U.S. EPA sampling completed, analysis results pending.

### Slip 4 Segment 8D

#### Georgetown Flume--

- Boeing has cleaned out sediments, upland cleanup ongoing concurrent with sampling.

#### Storm Drains, CSOs--

- U.S. EPA sampling completed, analysis results pending.

### Fourmile Rock Disposal Site Segment 10A

- Status of interim disposal criteria is unknown
- PSDDA site evaluation ongoing
- U.S. EPA sampling completed, analysis results pending.

### Additional Actions in Study Area

#### Sunset Demolition--

- It is not known whether a site inspection has been performed.

#### Malarkey Asphalt--

- Ecology performed sampling and analysis, low PCBs but possible significant EP toxicity for metals.

#### Duwamish Shipyard--

- NPDES Permit application being processed.

#### Monsanto--

- No longer have a discharge, occasional spills of vanillin liquor.

#### Whitney Fidalgo--

- Facility no longer there.

#### Lone Star--

- Implementing Best Management Practices.

#### Northwest Glass--

- Now INCON Packaging, permit being revised for seven discharges, sampling underway.

#### Time D.C.--

- NPDES permit issued, area will soon be converted to a business park.

#### Seattle Rendering--

- NPDES permit has been issued, facility is moving to Tacoma.

#### Shell Oil--

- It is not known whether a permit has been issued for this facility.

Gary Brugger adjourned the meeting at 11:30.